

WHAT IS CLAIMED IS:

1. A seat device for a vehicle, comprising:

a seat including a seat cushion and a seat back;

a supplementary seat disposed at a side of said seat,

wherein said seat cushion of the seat comprises a cushion body portion that includes a storage recess with an upward opening and a cushion bottom portion that covers the opening of the storage recess so as to selectively open or close the opening,

said supplementary seat comprises a supplementary seat back whose upper end portion is detachably supported on a side portion of said seat and lower end portion is pivotally supported on the side portion of said seat so as to allow the supplementary seat back to rotate in a longitudinal direction of the vehicle, and a supplementary seat cushion which is formed separately from the supplementary seat back and disposed below the supplementary seat back and at a side of said seat cushion of the seat, and

said supplementary seat cushion of the supplementary seat is configured so as to selectively take a sitting position, where the supplementary seat cushion is located at the side of the seat cushion of said seat, and a stored position, where the supplementary seat cushion is stored in the storage recess of the seat cushion body portion of said seat.

2. The seat device for a vehicle of claim 1, wherein said seat cushion of the seat includes a swing mechanism for pivoting said supplementary seat cushion of the supplementary seat so as to allow the supplementary seat cushion to swing substantially in a width direction of the vehicle.

3. The seat device of a vehicle for claim 1, wherein said supplementary seat back of the supplementary seat includes a rotational mechanism for rotating the supplementary seat back from its sitting position to allow the supplementary seat back to take at least a first rotational position, where the supplementary seat back is rotated in a width direction of the vehicle and a back face of the supplementary seat back faces

substantially toward the width direction of the vehicle, and a second rotational position, where the supplementary seat back is rotated forward from the first rotational position and a side face of the supplementary seat back faces substantially upward.

4. The seat device for a vehicle of claim 1, wherein said seat includes two seats disposed separately in a width direction of the vehicle, said supplementary seat is disposed between the two seats, and said supplementary seat back of the supplementary seat includes a rotational mechanism for rotating the supplementary seat back from its sitting position to allow the supplementary seat back to take at least a position where the supplementary seat back is rotated in a width direction of the vehicle and a back face of the supplementary seat back faces substantially toward the width direction of the vehicle.

5. A seat device for a vehicle, comprising:

a row of seats including two seats that are disposed separately in a width direction of the vehicle and include each seat cushion and seat back, the seat cushion of at least one of the seats comprising a cushion body portion that includes a storage recess with an upward opening and a cushion bottom portion that covers the opening of the storage recess so as to selectively open or close the opening;

a supplementary seat disposed between said two seats and including a supplementary seat back and a supplementary seat cushion that are formed separately from each other, an upper end portion of the supplementary seat back being detachably supported on a side portion of the seat back of said one of the seats and a lower end portion thereof being pivotally supported on the side portion of the seat back of said one of the seats so as to allow the supplementary seat back to rotate in a longitudinal direction of the vehicle, the supplementary seat cushion disposed below the supplementary seat back and at a side of the seat cushion of said one of the seats; and

a swing mechanism for pivoting said supplementary seat cushion of the supplementary seat so as to allow the supplementary seat cushion to swing substantially in the width direction of the vehicle, the swing mechanism allowing said supplementary seat

cushion of the supplementary seat to selectively take a sitting position, where the supplementary seat cushion is located at the side of the seat cushion of said one of the seats, and a stored position, where the supplementary seat cushion is stored in the storage recess of the seat cushion body portion of said one of the seats.

6. The seat device for a vehicle of claim 5, further comprising a rotational mechanism for pivotally supporting and rotating said supplementary seat back of the supplementary seat, the rotational mechanism allowing the supplementary seat back to take at least a first rotational position, where the supplementary seat back is rotated in a width direction of the vehicle and a back face of the supplementary seat back faces substantially toward the width direction of the vehicle, and a second rotational position, where the supplementary seat back is rotated forward from the first rotational position and a side face of the supplementary seat back faces substantially upward.

7. The seat device for a vehicle of claim 6, wherein said supplementary seat cushion and said supplementary seat back are respectively changed in their positions by said swing mechanism and said rotational mechanism such that the seat device provides at least a use mode where the supplementary seat functions as a seat, a walk-through mode where the supplementary seat cushion is stored in said storage recess and the supplementary seat back takes said first rotational position, and an armrest mode where at least the supplementary seat back takes said second rotational position.